

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083491.D
 Acq On : 4 Dec 2015 7:01
 Operator : UM/IZ
 Sample : G4588-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 04 08:03:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

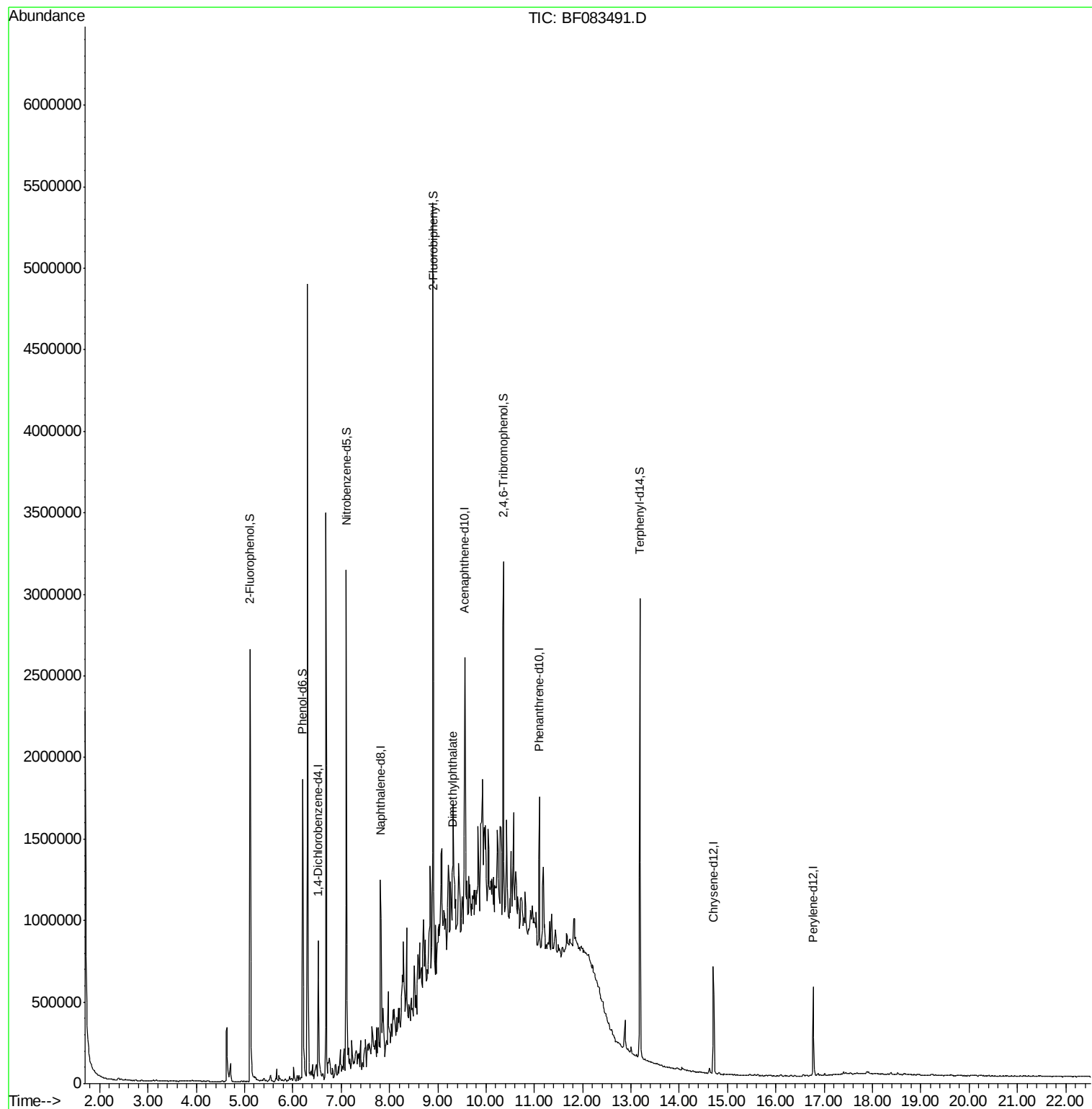
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	154906	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	576497	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	267025	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	417153	20.00	ng	-0.02
75) Chrysene-d12	14.71	240	351300	20.00	ng	-0.06
86) Perylene-d12	16.77	264	276064	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	812744	78.73	ng	-0.01
7) Phenol-d6	6.20	99	730474	51.70	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1185167	90.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	332751	124.14	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	1650503	88.08	ng	-0.02
78) Terphenyl-d14	13.19	244	1207015	81.94	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	49200	2.27	ng	Qvalue # 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

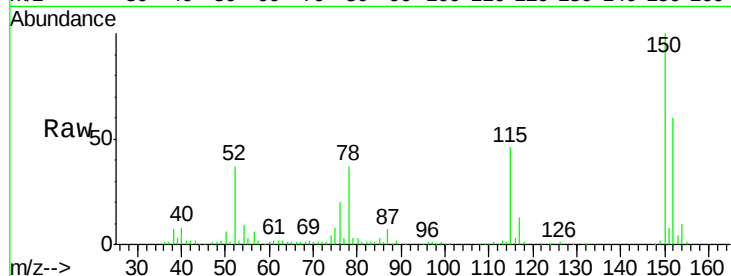
Tot Ion:152 Resp: 154906

Ion Ratio Lower Upper

152 100

150 167.9 129.8 194.8

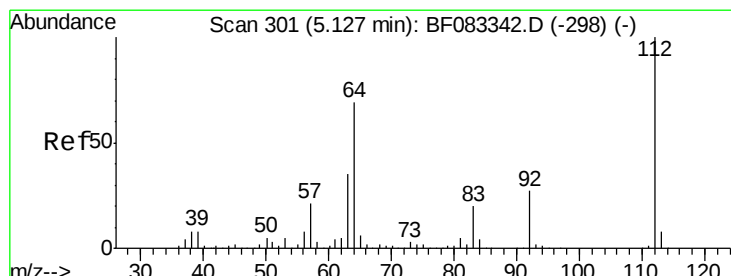
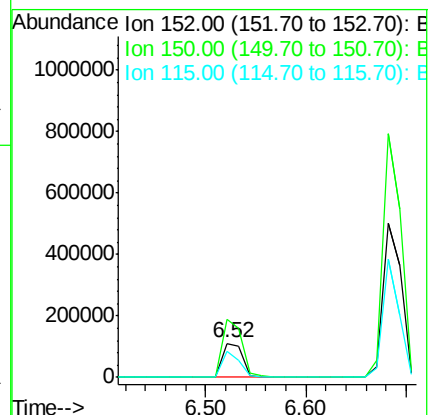
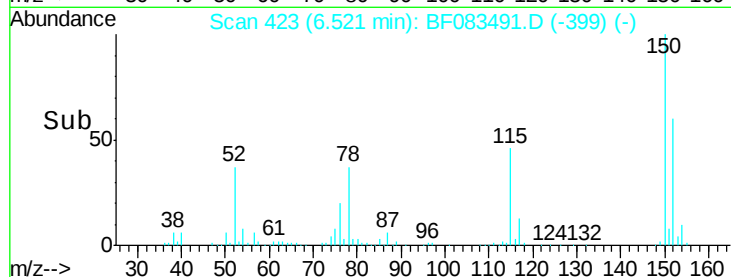
115 77.5 59.2 88.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 78.73 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

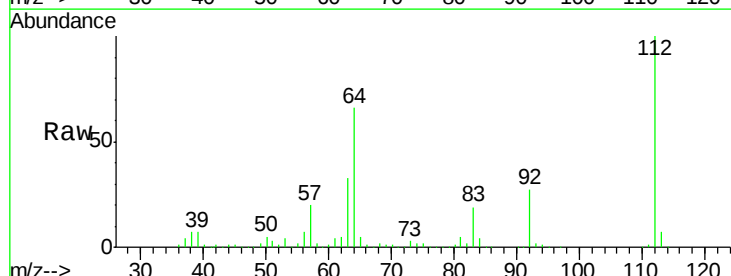
Tgt Ion:112 Resp: 812744

Ion Ratio Lower Upper

112 100

64 66.2 55.6 83.4

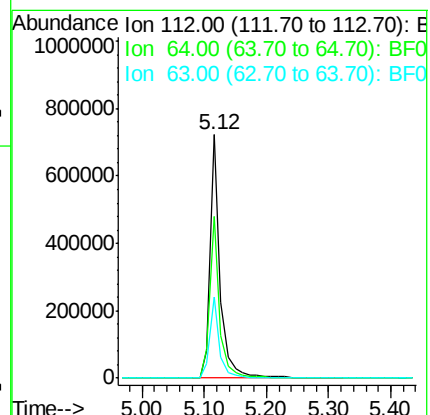
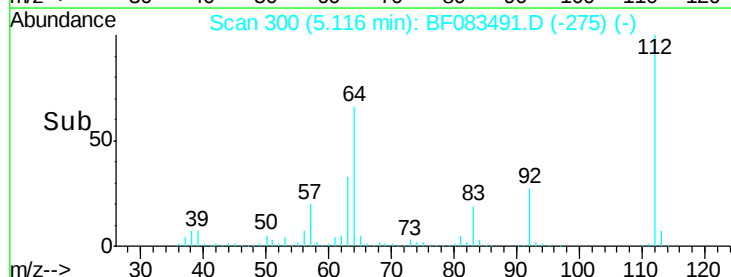
63 33.4 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.70 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

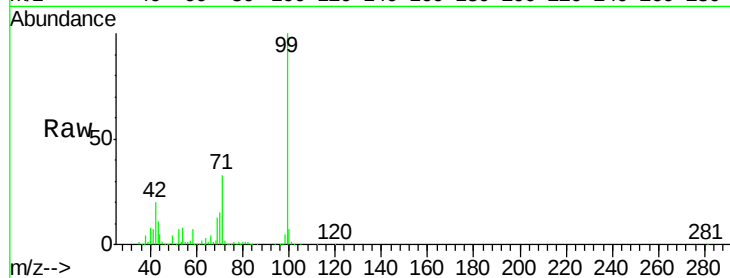
Tot Ion: 99 Resp: 730474

Ion Ratio Lower Upper

99 100

42 20.2 14.9 22.3

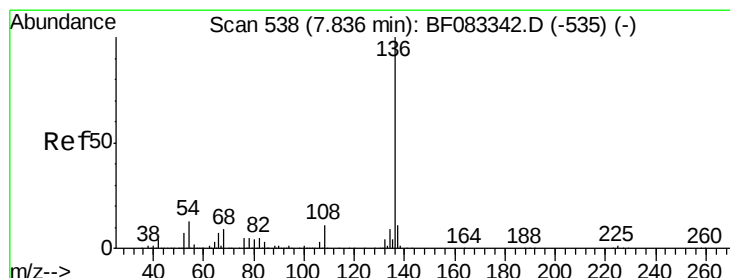
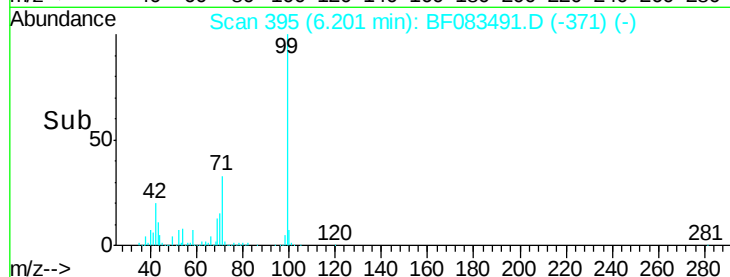
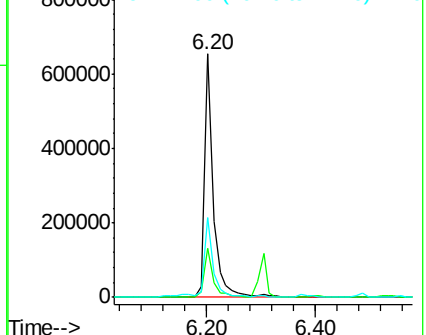
71 32.7 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Tgt Ion: 136 Resp: 576497

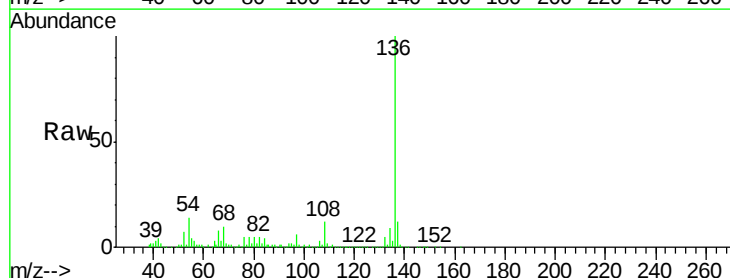
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 14.4 10.1 15.1

68 9.8 7.1 10.7

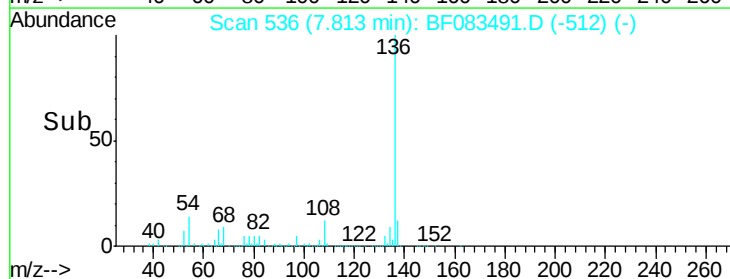
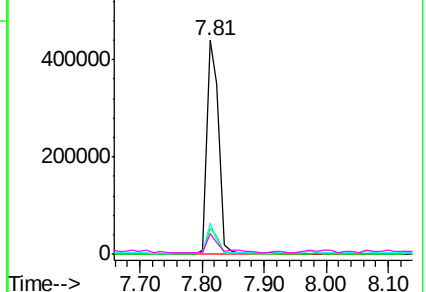


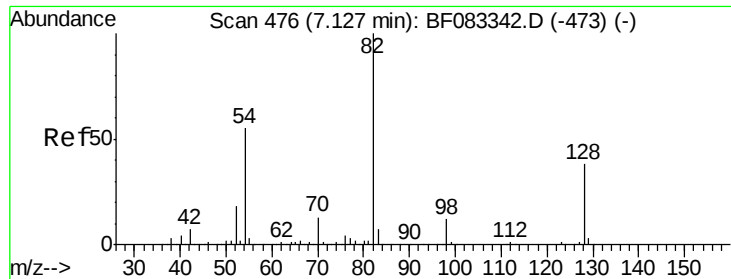
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

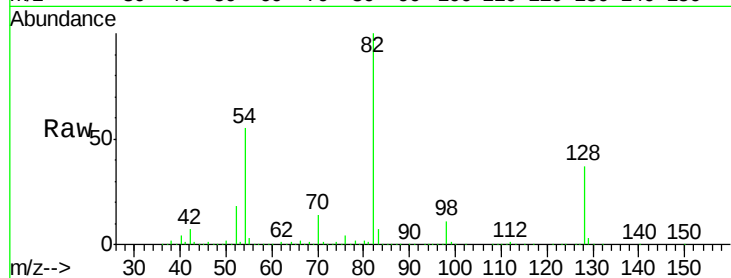




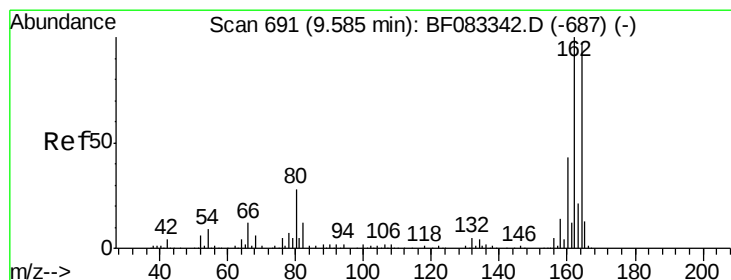
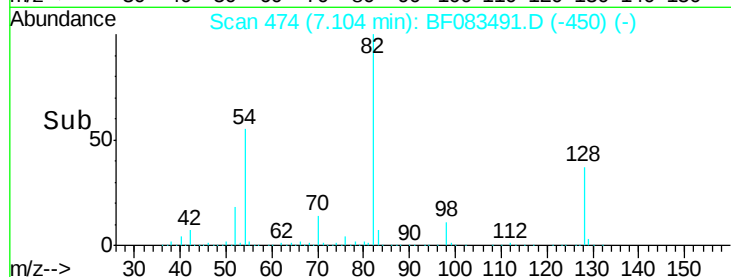
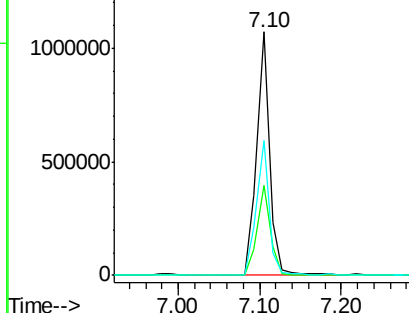
#23
Nitrobenzene-d5
Concen: 90.37 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083491.D
Acq: 4 Dec 2015 7:01

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion: 82 Resp: 1185167
Ion Ratio Lower Upper
82 100
128 37.1 30.6 46.0
54 55.4 43.8 65.6

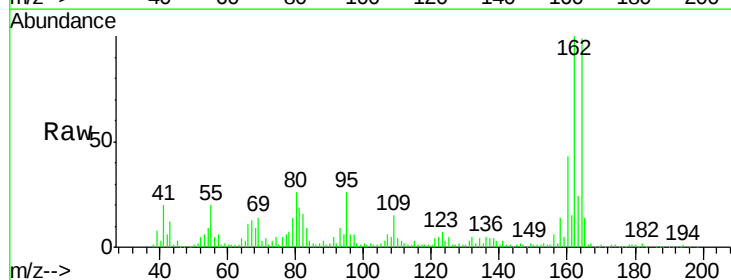


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

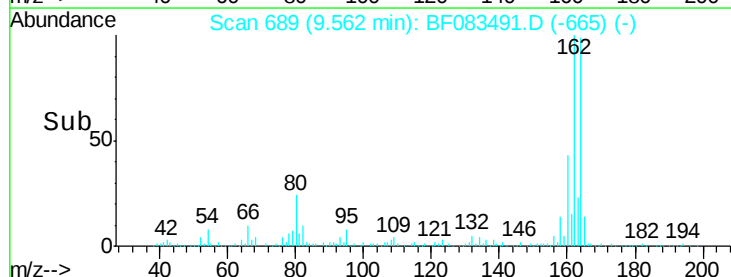
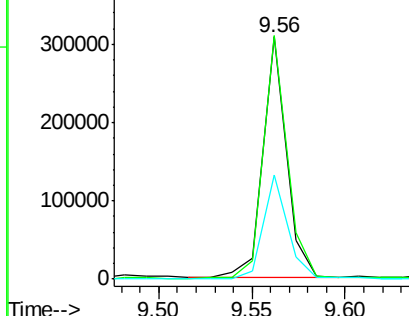


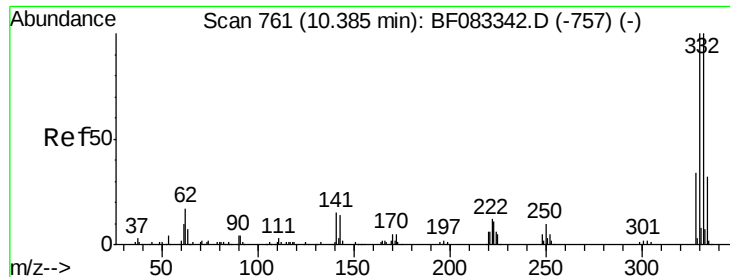
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083491.D
Acq: 4 Dec 2015 7:01

Tgt Ion:164 Resp: 267025
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 42.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

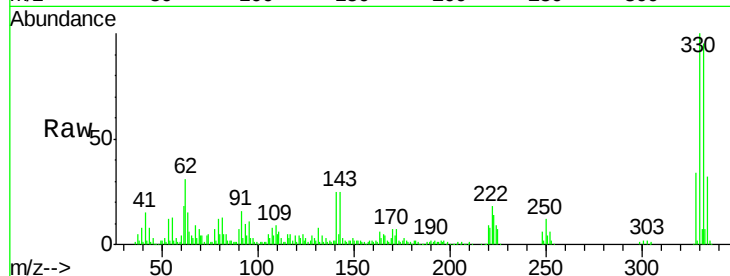




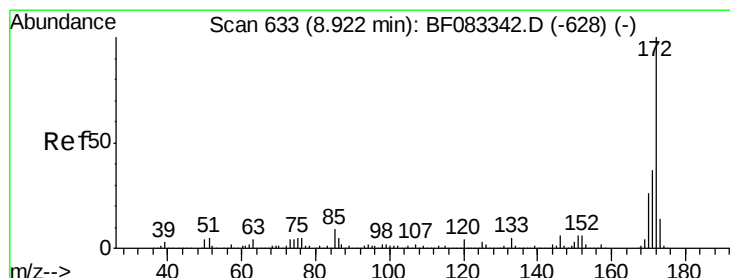
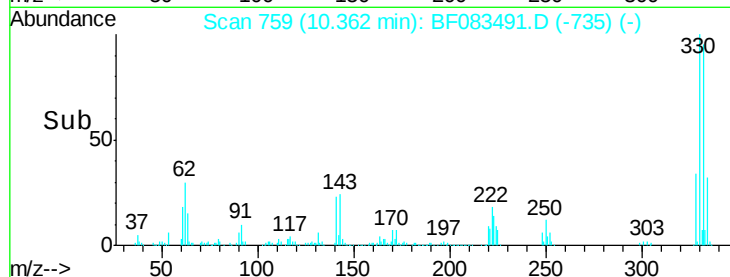
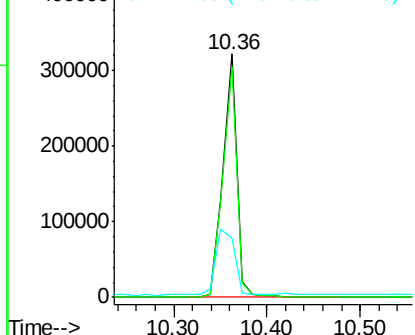
#41
 2,4,6-Tribromophenol
 Concen: 124.14 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083491.D
 Acq: 4 Dec 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	36.2	29.4	44.0

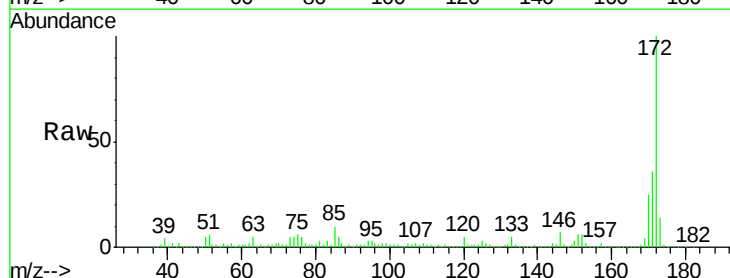


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

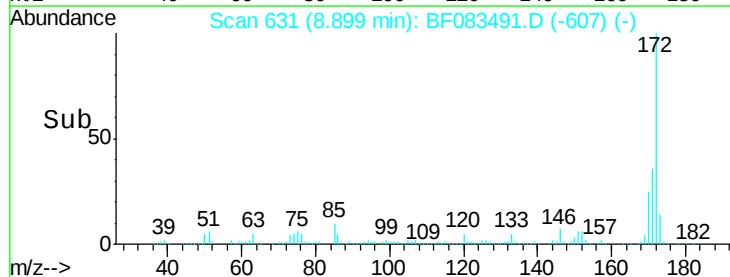
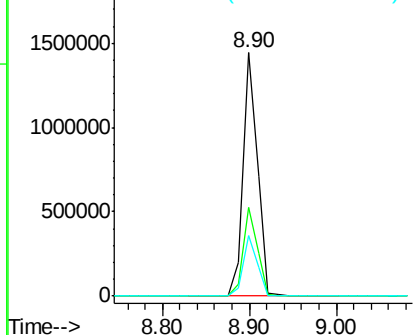


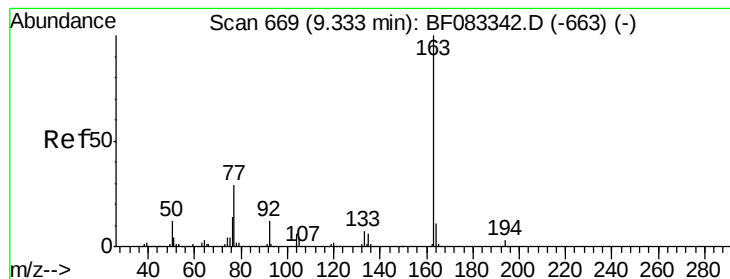
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083491.D
 Acq: 4 Dec 2015 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.8	20.4	30.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.27 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

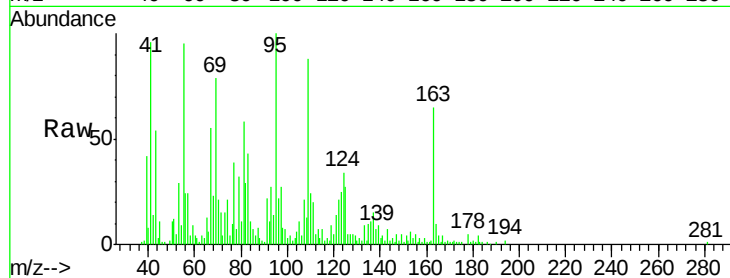
Tot Ion:163 Resp: 49200

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 15.1 8.8 13.2#

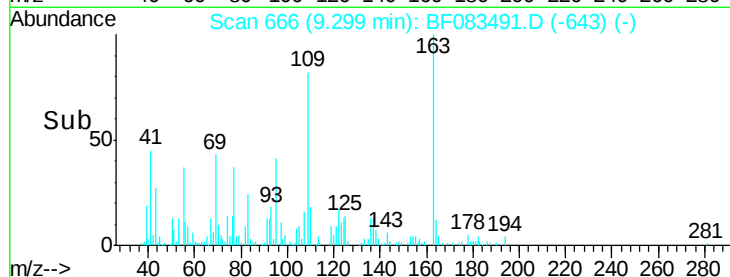


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 9.25 9.30 9.35

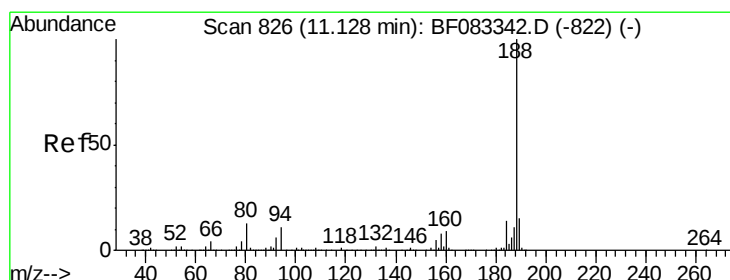


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 9.25 9.30 9.35



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

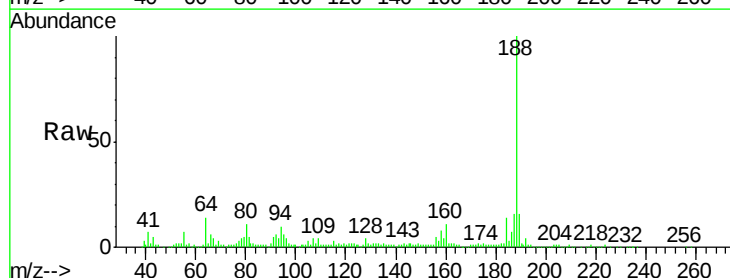
Tgt Ion:188 Resp: 417153

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.8 10.3 15.5

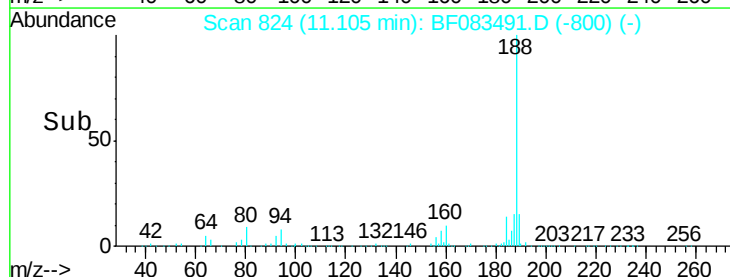


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.05 11.10 11.15

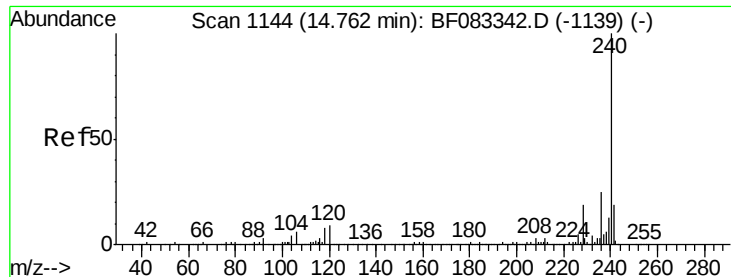


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.05 11.10 11.15



#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 1139

Delta R.T. -0.06 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

Instrument :

BNA_F

ClientSampleId :

MW-02

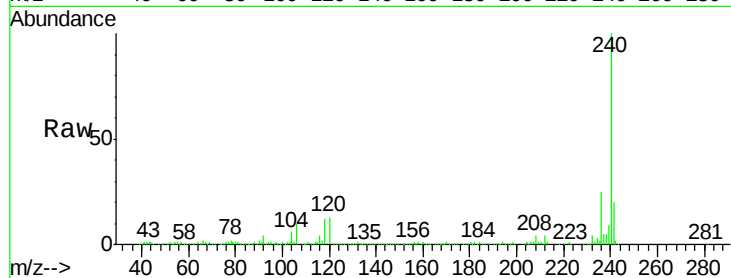
Tot Ion:240 Resp: 351300

Ion Ratio Lower Upper

240 100

120 12.6 6.9 10.3#

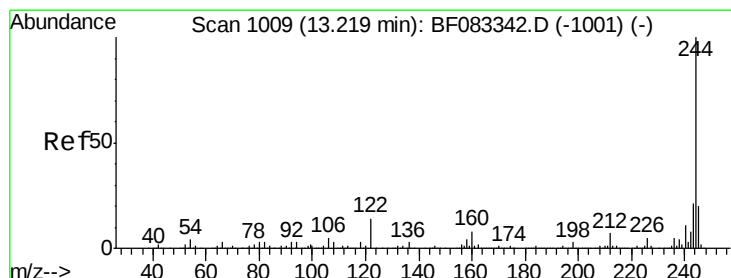
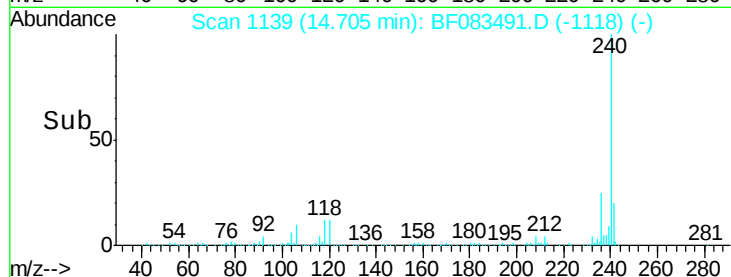
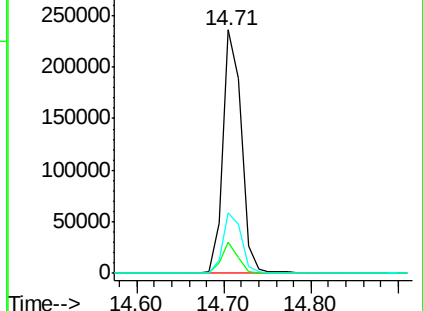
236 25.1 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 81.94 ng

RT: 13.19 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF083491.D

Acq: 4 Dec 2015 7:01

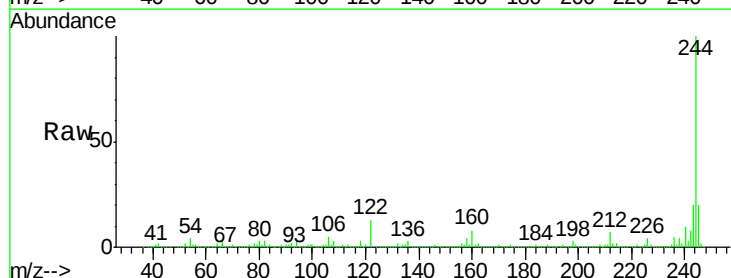
Tgt Ion:244 Resp: 1207015

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

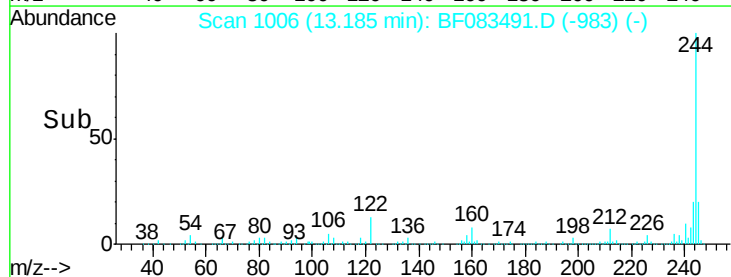
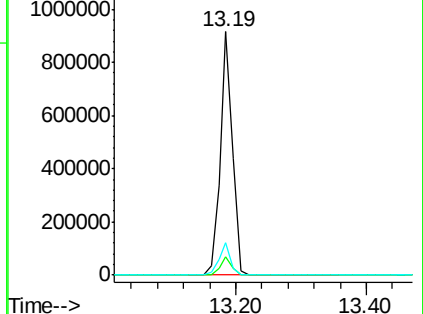
122 13.4 11.0 16.4

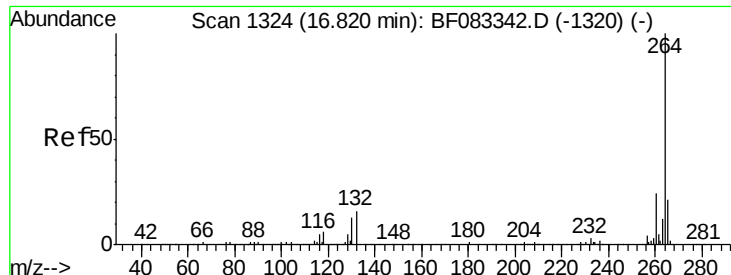


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

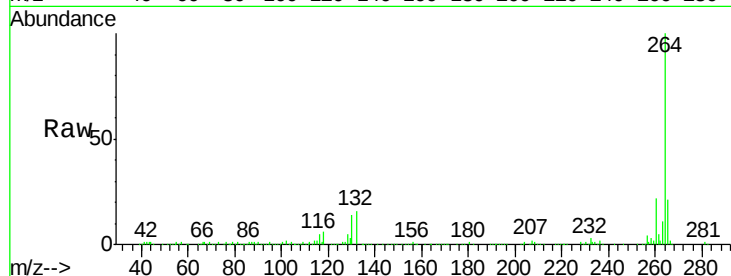




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083491.D
Acq: 4 Dec 2015 7:01

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.3	16.8	25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

